

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	ADW-010
Analyte	CAS.NO	Units								Sample ID	ADW-010-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	60
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	< 0.12 U
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	1.9
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.18 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	9.3
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.1
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	0.99 J
Selenium, Dissolved	7782-49-2	ug/L							20	--	1.3 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	29
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	1.3
Barium, Total	7440-39-3	ug/L								--	70
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.19
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.42

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Copper, Total	7440-50-8	ug/L								--	Copper, Total
Lead, Total	7439-92-1	ug/L								--	Lead, Total
Manganese, Total	7439-96-5	ug/L								--	Manganese, Total
Molybdenum, Total	7439-98-7	ug/L								--	Molybdenum, Total
Nickel, Total	7440-02-0	ug/L								--	Nickel, Total
Selenium, Total	7782-49-2	ug/L								--	Selenium, Total
Silver, Total	7440-22-4	ug/L								--	Silver, Total
Thallium, Total	7440-28-0	ug/L								--	Thallium, Total
Vanadium, Total	7440-62-2	ug/L								--	Vanadium, Total
Zinc, Total	7440-66-6	ug/L								--	Zinc, Total

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

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									Location	ADW-010	ADW-010
									Sample ID	ADW-010-150809-11	ADW-010-150810-11
									Date	8/9/2015	8/10/2015
CAS.NO	Units								Review Status	Preliminary	Preliminary
		Drinking Water MCL	Recreatio nal RSL	Aquatic Acute	Aquatic Chronic	Irrigation	Livestock	Agriculture			
7440-36-0	ug/L								--	< 0.4 U	< 0.4 U
7440-38-2	ug/L		50				100		--	< 0.37 U	< 0.37 U
7440-39-3	ug/L		33000						--	<b>60</b>	<b>57</b>
7440-41-7	ug/L		330				100		--	< 0.15 U	< 0.15 U
7440-43-9	ug/L		65				10		--	< 0.043 U	< 0.043 U
7440-47-3	ug/L		210000				100		--	< 1 U	< 1 U
7440-48-4	ug/L		50						--	< 0.12 U	< 0.12 U
7440-50-8	ug/L		6700				100		--	<b>1.9</b>	<b>2.3</b>
7439-92-1	ug/L		200				100		--	<b>0.18 J</b>	<b>0.15 J</b>
7439-96-5	ug/L		7800				200		--	<b>9.3</b>	<b>16</b>
7439-98-7	ug/L								--	<b>1.1</b>	<b>1.2</b>
7440-02-0	ug/L		330				200		--	<b>0.99 J</b>	<b>0.97 J</b>
7782-49-2	ug/L						20		--	<b>1.3 J B</b>	< 0.58 U
7440-22-4	ug/L								--	< 0.1 U	< 0.1 U
7440-28-0	ug/L		1.7						--	< 0.1 U	< 0.1 U
7440-62-2	ug/L		830						--	< 0.3 U	< 0.3 U
7440-66-6	ug/L		50000						--	<b>29</b>	<b>3.2 J</b>
7440-36-0	ug/L								--	< 0.4 U	< 0.4 U
7440-38-2	ug/L								--	<b>1.3</b>	<b>0.69 J</b>
7440-39-3	ug/L								--	<b>70</b>	<b>64</b>
7440-41-7	ug/L								--	< 0.15 U	< 0.15 U
7440-43-9	ug/L								--	<b>0.19</b>	< 0.043 U
7440-47-3	ug/L								--	< 1 U	< 1 U
7440-48-4	ug/L								--	<b>0.42</b>	<b>0.28 J</b>

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 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	7440-50-8	ug/L
Lead, Total	7439-92-1	ug/L								--	7439-92-1	ug/L
Manganese, Total	7439-96-5	ug/L								--	7439-96-5	ug/L
Molybdenum, Total	7439-98-7	ug/L								--	7439-98-7	ug/L
Nickel, Total	7440-02-0	ug/L								--	7440-02-0	ug/L
Selenium, Total	7782-49-2	ug/L								--	7782-49-2	ug/L
Silver, Total	7440-22-4	ug/L								--	7440-22-4	ug/L
Thallium, Total	7440-28-0	ug/L								--	7440-28-0	ug/L
Vanadium, Total	7440-62-2	ug/L								--	7440-62-2	ug/L
Zinc, Total	7440-66-6	ug/L								--	7440-66-6	ug/L

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							Location	ADW-010	ADW-010	ADW-021
							Sample ID	ADW-010-150809-11	ADW-010-150810-11	ADW-021-150809-11
							Date	8/9/2015	8/10/2015	8/9/2015
							Review Status	Preliminary	Preliminary	Preliminary

Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture

							--	< 0.4 U	< 0.4 U	< 0.4 U
	50					100	--	< 0.37 U	< 0.37 U	< 0.37 U
	33000						--	<b>60</b>	<b>57</b>	<b>59</b>
	330					100	--	< 0.15 U	< 0.15 U	< 0.15 U
	65					10	--	< 0.043 U	< 0.043 U	< 0.043 U
	210000					100	--	< 1 U	< 1 U	< 1 U
	50						--	< 0.12 U	< 0.12 U	< 0.12 U
	6700					100	--	<b>1.9</b>	<b>2.3</b>	<b>1.8</b>
	200					100	--	<b>0.18 J</b>	<b>0.15 J</b>	<b>0.076 J</b>
	7800					200	--	<b>9.3</b>	<b>16</b>	<b>8.9</b>
							--	<b>1.1</b>	<b>1.2</b>	<b>1</b>
	330					200	--	<b>0.99 J</b>	<b>0.97 J</b>	<b>1.2</b>
						20	--	<b>1.3 J B</b>	< 0.58 U	<b>1 J B</b>
							--	< 0.1 U	< 0.1 U	< 0.1 U
	1.7						--	< 0.1 U	< 0.1 U	< 0.1 U
	830						--	< 0.3 U	< 0.3 U	< 0.3 U
	50000						--	<b>29</b>	<b>3.2 J</b>	<b>9.1 J</b>

							--	< 0.4 U	< 0.4 U	< 0.4 U
							--	<b>1.3</b>	<b>0.69 J</b>	<b>1.3</b>
							--	<b>70</b>	<b>64</b>	<b>70</b>
							--	< 0.15 U	< 0.15 U	< 0.15 U
							--	<b>0.19</b>	< 0.043 U	<b>0.14</b>
							--	< 1 U	< 1 U	< 1 U
							--	<b>0.42</b>	<b>0.28 J</b>	<b>0.39 J</b>

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Copper, Total	7440-50-8	ug/L								--		
Lead, Total	7439-92-1	ug/L								--		
Manganese, Total	7439-96-5	ug/L								--		
Molybdenum, Total	7439-98-7	ug/L								--		
Nickel, Total	7440-02-0	ug/L								--		
Selenium, Total	7782-49-2	ug/L								--		
Silver, Total	7440-22-4	ug/L								--		
Thallium, Total	7440-28-0	ug/L								--		
Vanadium, Total	7440-62-2	ug/L								--		
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ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

equivalent = ug/Kg

					Location	ADW-010	ADW-010	ADW-021	ADW-021
					Sample ID	ADW-010-150809-11	ADW-010-150810-11	ADW-021-150809-11	ADW-021-150810-11
					Date	8/9/2015	8/10/2015	8/9/2015	8/10/2015
					Review Status	Preliminary	Preliminary	Preliminary	Preliminary

Aquatic Acute    Aquatic Chronic    Irrigation Livestock Agriculture

					--	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
				100	--	< 0.37 U	< 0.37 U	< 0.37 U	< 0.37 U
					--	<b>60</b>	<b>57</b>	<b>59</b>	<b>57</b>
				100	--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
				10	--	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U
				100	--	< 1 U	< 1 U	< 1 U	< 1 U
					--	< 0.12 U	< 0.12 U	< 0.12 U	<b>0.13 J</b>
				100	--	<b>1.9</b>	<b>2.3</b>	<b>1.8</b>	<b>3.4</b>
				100	--	<b>0.18 J</b>	<b>0.15 J</b>	<b>0.076 J</b>	<b>0.12 J</b>
				200	--	<b>9.3</b>	<b>16</b>	<b>8.9</b>	<b>13</b>
					--	<b>1.1</b>	<b>1.2</b>	<b>1</b>	<b>1.1</b>
				200	--	<b>0.99 J</b>	<b>0.97 J</b>	<b>1.2</b>	<b>2.9</b>
				20	--	<b>1.3 J B</b>	< 0.58 U	<b>1 J B</b>	< 0.58 U
					--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
					--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
					--	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
					--	<b>29</b>	<b>3.2 J</b>	<b>9.1 J</b>	<b>3.3 J</b>

					--	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
					--	<b>1.3</b>	<b>0.69 J</b>	<b>1.3</b>	<b>0.81 J</b>
					--	<b>70</b>	<b>64</b>	<b>70</b>	<b>65</b>
					--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
					--	<b>0.19</b>	< 0.043 U	<b>0.14</b>	<b>0.078 J</b>
					--	< 1 U	< 1 U	< 1 U	< 1 U
					--	<b>0.42</b>	<b>0.28 J</b>	<b>0.39 J</b>	<b>0.26 J</b>

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Upper Animas River

Copper, Total	7440-50-8	ug/L								--		
Lead, Total	7439-92-1	ug/L								--		
Manganese, Total	7439-96-5	ug/L								--		
Molybdenum, Total	7439-98-7	ug/L								--		
Nickel, Total	7440-02-0	ug/L								--		
Selenium, Total	7782-49-2	ug/L								--		
Silver, Total	7440-22-4	ug/L								--		
Thallium, Total	7440-28-0	ug/L								--		
Vanadium, Total	7440-62-2	ug/L								--		
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			Location	ADW-010	ADW-010	ADW-021	ADW-021
			Sample ID	ADW-010-150809-11	ADW-010-150810-11	ADW-021-150809-11	ADW-021-150810-11
			Date	8/9/2015	8/10/2015	8/9/2015	8/10/2015
			Review Status	Preliminary	Preliminary	Preliminary	Preliminary

### Irrigation Livestock Agriculture

			--	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
		100	--	< 0.37 U	< 0.37 U	< 0.37 U	< 0.37 U
			--	<b>60</b>	<b>57</b>	<b>59</b>	<b>57</b>
		100	--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
		10	--	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U
		100	--	< 1 U	< 1 U	< 1 U	< 1 U
			--	< 0.12 U	< 0.12 U	< 0.12 U	<b>0.13 J</b>
		100	--	<b>1.9</b>	<b>2.3</b>	<b>1.8</b>	<b>3.4</b>
		100	--	<b>0.18 J</b>	<b>0.15 J</b>	<b>0.076 J</b>	<b>0.12 J</b>
		200	--	<b>9.3</b>	<b>16</b>	<b>8.9</b>	<b>13</b>
			--	<b>1.1</b>	<b>1.2</b>	<b>1</b>	<b>1.1</b>
		200	--	<b>0.99 J</b>	<b>0.97 J</b>	<b>1.2</b>	<b>2.9</b>
		20	--	<b>1.3 J B</b>	< 0.58 U	<b>1 J B</b>	< 0.58 U
			--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
			--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
			--	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
			--	<b>29</b>	<b>3.2 J</b>	<b>9.1 J</b>	<b>3.3 J</b>

			--	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
			--	<b>1.3</b>	<b>0.69 J</b>	<b>1.3</b>	<b>0.81 J</b>
			--	<b>70</b>	<b>64</b>	<b>70</b>	<b>65</b>
			--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
			--	<b>0.19</b>	< 0.043 U	<b>0.14</b>	<b>0.078 J</b>
			--	< 1 U	< 1 U	< 1 U	< 1 U
			--	<b>0.42</b>	<b>0.28 J</b>	<b>0.39 J</b>	<b>0.26 J</b>

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Copper, Total	7440-50-8	ug/L								--		
Lead, Total	7439-92-1	ug/L								--		
Manganese, Total	7439-96-5	ug/L								--		
Molybdenum, Total	7439-98-7	ug/L								--		
Nickel, Total	7440-02-0	ug/L								--		
Selenium, Total	7782-49-2	ug/L								--		
Silver, Total	7440-22-4	ug/L								--		
Thallium, Total	7440-28-0	ug/L								--		
Vanadium, Total	7440-62-2	ug/L								--		
Zinc, Total	7440-66-6	ug/L								--		

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	Location	ADW-010	ADW-010	ADW-021	ADW-021	ADW-021
	Sample ID	ADW-010-150809-11	ADW-010-150810-11	ADW-021-150809-11	ADW-021-150810-11	ADW-021-150810-12
	Date	8/9/2015	8/10/2015	8/9/2015	8/10/2015	8/10/2015
	Review Status	Preliminary	Preliminary	Preliminary	Preliminary	Preliminary

**Agriculture**

	--	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
100	--	< 0.37 U	< 0.37 U	< 0.37 U	< 0.37 U	< 0.37 U
	--	<b>60</b>	<b>57</b>	<b>59</b>	<b>57</b>	<b>60</b>
100	--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
10	--	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U
100	--	< 1 U	< 1 U	< 1 U	< 1 U	<b>1.3 J</b>
	--	< 0.12 U	< 0.12 U	< 0.12 U	<b>0.13 J</b>	<b>0.13 J</b>
100	--	<b>1.9</b>	<b>2.3</b>	<b>1.8</b>	<b>3.4</b>	<b>2.2</b>
100	--	<b>0.18 J</b>	<b>0.15 J</b>	<b>0.076 J</b>	<b>0.12 J</b>	<b>0.46</b>
200	--	<b>9.3</b>	<b>16</b>	<b>8.9</b>	<b>13</b>	<b>15</b>
	--	<b>1.1</b>	<b>1.2</b>	<b>1</b>	<b>1.1</b>	<b>1.3</b>
200	--	<b>0.99 J</b>	<b>0.97 J</b>	<b>1.2</b>	<b>2.9</b>	<b>1.2</b>
20	--	<b>1.3 J B</b>	< 0.58 U	<b>1 J B</b>	< 0.58 U	< 0.58 U
	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
	--	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
	--	<b>29</b>	<b>3.2 J</b>	<b>9.1 J</b>	<b>3.3 J</b>	<b>6.7 J</b>

	--	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
	--	<b>1.3</b>	<b>0.69 J</b>	<b>1.3</b>	<b>0.81 J</b>	< 0.37 U
	--	<b>70</b>	<b>64</b>	<b>70</b>	<b>65</b>	<b>62</b>
	--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
	--	<b>0.19</b>	< 0.043 U	<b>0.14</b>	<b>0.078 J</b>	<b>0.1</b>
	--	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
	--	<b>0.42</b>	<b>0.28 J</b>	<b>0.39 J</b>	<b>0.26 J</b>	<b>0.23 J</b>

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Copper, Total	7440-50-8	ug/L								--	
Lead, Total	7439-92-1	ug/L								--	
Manganese, Total	7439-96-5	ug/L								--	
Molybdenum, Total	7439-98-7	ug/L								--	
Nickel, Total	7440-02-0	ug/L								--	
Selenium, Total	7782-49-2	ug/L								--	
Silver, Total	7440-22-4	ug/L								--	
Thallium, Total	7440-28-0	ug/L								--	
Vanadium, Total	7440-62-2	ug/L								--	
Zinc, Total	7440-66-6	ug/L								--	

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Location	ADW-010	ADW-010	ADW-021	ADW-021	ADW-021	ADW-021
Sample ID	ADW-010-150809-11	ADW-010-150810-11	ADW-021-150809-11	ADW-021-150810-11	ADW-021-150810-12	ADW-022-150809-11
Date	8/9/2015	8/10/2015	8/9/2015	8/10/2015	8/10/2015	8/9/2015
Review Status	Preliminary	Preliminary	Preliminary	Preliminary	Preliminary	Preliminary
--	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
--	< 0.37 U	< 0.37 U	< 0.37 U	< 0.37 U	< 0.37 U	< 0.37 U
--	<b>60</b>	<b>57</b>	<b>59</b>	<b>57</b>	<b>60</b>	<b>61</b>
--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
--	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U
--	< 1 U	< 1 U	< 1 U	< 1 U	<b>1.3 J</b>	< 1 U
--	< 0.12 U	< 0.12 U	< 0.12 U	<b>0.13 J</b>	<b>0.13 J</b>	< 0.12 U
--	<b>1.9</b>	<b>2.3</b>	<b>1.8</b>	<b>3.4</b>	<b>2.2</b>	<b>2</b>
--	<b>0.18 J</b>	<b>0.15 J</b>	<b>0.076 J</b>	<b>0.12 J</b>	<b>0.46</b>	<b>0.33</b>
--	<b>9.3</b>	<b>16</b>	<b>8.9</b>	<b>13</b>	<b>15</b>	<b>14</b>
--	<b>1.1</b>	<b>1.2</b>	<b>1</b>	<b>1.1</b>	<b>1.3</b>	<b>0.98 J</b>
--	<b>0.99 J</b>	<b>0.97 J</b>	<b>1.2</b>	<b>2.9</b>	<b>1.2</b>	<b>1.2</b>
--	<b>1.3 J B</b>	< 0.58 U	<b>1 J B</b>	< 0.58 U	< 0.58 U	<b>1 J B</b>
--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
--	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
--	<b>29</b>	<b>3.2 J</b>	<b>9.1 J</b>	<b>3.3 J</b>	<b>6.7 J</b>	<b>5.9 J</b>
--	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
--	<b>1.3</b>	<b>0.69 J</b>	<b>1.3</b>	<b>0.81 J</b>	< 0.37 U	<b>1.7</b>
--	<b>70</b>	<b>64</b>	<b>70</b>	<b>65</b>	<b>62</b>	<b>71</b>
--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
--	<b>0.19</b>	< 0.043 U	<b>0.14</b>	<b>0.078 J</b>	<b>0.1</b>	<b>0.18</b>
--	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
--	<b>0.42</b>	<b>0.28 J</b>	<b>0.39 J</b>	<b>0.26 J</b>	<b>0.23 J</b>	<b>0.44</b>

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	--
Lead, Total	7439-92-1	ug/L								--	--
Manganese, Total	7439-96-5	ug/L								--	--
Molybdenum, Total	7439-98-7	ug/L								--	--
Nickel, Total	7440-02-0	ug/L								--	--
Selenium, Total	7782-49-2	ug/L								--	--
Silver, Total	7440-22-4	ug/L								--	--
Thallium, Total	7440-28-0	ug/L								--	--
Vanadium, Total	7440-62-2	ug/L								--	--
Zinc, Total	7440-66-6	ug/L								--	--

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

										Location	ADW-010
Analyte	CAS.NO	Units								Sample ID	ADW-010-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	60
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	< 0.12 U
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	1.9
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.18 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	9.3
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.1
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	0.99 J
Selenium, Dissolved	7782-49-2	ug/L							20	--	1.3 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	29
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	1.3
Barium, Total	7440-39-3	ug/L								--	70
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.19
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.42

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>9.2</b>
Lead, Total	7439-92-1	ug/L								--	<b>14</b>
Manganese, Total	7439-96-5	ug/L								--	<b>120</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>0.86 J</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1</b>
Selenium, Total	7782-49-2	ug/L								--	<b>1.2 J B</b>
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>1.6</b>
Zinc, Total	7440-66-6	ug/L								--	<b>63</b>

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg



Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	ADW-010
Analyte	CAS.NO	Units								Sample ID	ADW-010-150810-11
										Date	8/10/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	57
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	< 0.12 U
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.3
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.15 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	16
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.2
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	0.97 J
Selenium, Dissolved	7782-49-2	ug/L							20	--	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	3.2 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	0.69 J
Barium, Total	7440-39-3	ug/L								--	64
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	< 0.043 U
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.28 J

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>5.3</b>
Lead, Total	7439-92-1	ug/L								--	<b>9.3</b>
Manganese, Total	7439-96-5	ug/L								--	<b>70</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.2</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1.2</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>0.91 J</b>
Zinc, Total	7440-66-6	ug/L								--	<b>30</b>

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

										Location	ADW-021
Analyte	CAS.NO	Units								Sample ID	ADW-021-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	59
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	< 0.12 U
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	1.8
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.076 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	8.9
Molybdenum, Dissolved	7439-98-7	ug/L								--	1
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.2
Selenium, Dissolved	7782-49-2	ug/L							20	--	1 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	9.1 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	1.3
Barium, Total	7440-39-3	ug/L								--	70
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.14
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.39 J

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>8.6</b>
Lead, Total	7439-92-1	ug/L								--	<b>14</b>
Manganese, Total	7439-96-5	ug/L								--	<b>110</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>0.91 J</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1</b>
Selenium, Total	7782-49-2	ug/L								--	<b>1 J B</b>
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>1.4</b>
Zinc, Total	7440-66-6	ug/L								--	<b>60</b>

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	ADW-021
Analyte	CAS.NO	Units								Sample ID	ADW-021-150810-11
										Date	8/10/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	57
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	0.13 J
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	3.4
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.12 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	13
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.1
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	2.9
Selenium, Dissolved	7782-49-2	ug/L							20	--	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	3.3 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	0.81 J
Barium, Total	7440-39-3	ug/L								--	65
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.078 J
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.26 J

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>5.3</b>
Lead, Total	7439-92-1	ug/L								--	<b>9.8</b>
Manganese, Total	7439-96-5	ug/L								--	<b>63</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.1</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>0.9 J</b>
Zinc, Total	7440-66-6	ug/L								--	<b>29</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

										Location	ADW-021
Analyte	CAS.NO	Units								Sample ID	ADW-021-150810-12
										Date	8/10/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	60
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	1.3 J
Cobalt, Dissolved	7440-48-4	ug/L		50						--	0.13 J
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.2
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.46
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	15
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.3
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.2
Selenium, Dissolved	7782-49-2	ug/L							20	--	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	6.7 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	< 0.37 U
Barium, Total	7440-39-3	ug/L								--	62
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.1
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.23 J

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>4.8</b>
Lead, Total	7439-92-1	ug/L								--	<b>8.3</b>
Manganese, Total	7439-96-5	ug/L								--	<b>52</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.1</b>
Nickel, Total	7440-02-0	ug/L								--	<b>0.93 J</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>0.76 J</b>
Zinc, Total	7440-66-6	ug/L								--	<b>26</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg



Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	ADW-021
Analyte	CAS.NO	Units								Sample ID	ADW-022-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	61
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	< 0.12 U
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.33
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	14
Molybdenum, Dissolved	7439-98-7	ug/L								--	0.98 J
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.2
Selenium, Dissolved	7782-49-2	ug/L							20	--	1 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	5.9 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	1.7
Barium, Total	7440-39-3	ug/L								--	71
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.18
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.44

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>10</b>
Lead, Total	7439-92-1	ug/L								--	<b>34</b>
Manganese, Total	7439-96-5	ug/L								--	<b>98</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.2</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1.1</b>
Selenium, Total	7782-49-2	ug/L								--	<b>1.1 J B</b>
Silver, Total	7440-22-4	ug/L								--	<b>0.21 J</b>
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>1.9</b>
Zinc, Total	7440-66-6	ug/L								--	<b>58</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	ADW-021
Analyte	CAS.NO	Units								Sample ID	ADW-022-150810-11
										Date	8/10/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	62
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	0.12 J
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	3.3
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.15 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	14
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.1
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.4
Selenium, Dissolved	7782-49-2	ug/L							20	--	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	2.9 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	0.42 J
Barium, Total	7440-39-3	ug/L								--	65
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.059 J
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.24 J

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>4.8</b>
Lead, Total	7439-92-1	ug/L								--	<b>8.5</b>
Manganese, Total	7439-96-5	ug/L								--	<b>53</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1</b>
Nickel, Total	7440-02-0	ug/L								--	<b>0.92 J</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>0.65 J</b>
Zinc, Total	7440-66-6	ug/L								--	<b>27</b>

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	FW-012
Analyte	CAS.NO	Units								Sample ID	FW-012-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	62
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	< 0.12 U
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.1
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.84
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	13
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.2
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	0.87 J
Selenium, Dissolved	7782-49-2	ug/L							20	--	1.4 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	15 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	0.45 J
Arsenic, Total	7440-38-2	ug/L								--	2.2
Barium, Total	7440-39-3	ug/L								--	80
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.11
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.62

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>12</b>
Lead, Total	7439-92-1	ug/L								--	<b>41</b>
Manganese, Total	7439-96-5	ug/L								--	<b>120</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.6</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1.4</b>
Selenium, Total	7782-49-2	ug/L								--	<b>1.9 J B</b>
Silver, Total	7440-22-4	ug/L								--	<b>0.27 J</b>
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>2.6</b>
Zinc, Total	7440-66-6	ug/L								--	<b>63</b>

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

										Location	FW-012
Analyte	CAS.NO	Units								Sample ID	FW-012-150810-11
										Date	8/10/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	58
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	0.043 J
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	< 0.12 U
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.4
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.073 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	12
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.2
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	0.8 J
Selenium, Dissolved	7782-49-2	ug/L							20	--	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	< 2.8 U
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	0.84 J
Barium, Total	7440-39-3	ug/L								--	66
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.068 J
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.31 J

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>5.4</b>
Lead, Total	7439-92-1	ug/L								--	<b>9.7</b>
Manganese, Total	7439-96-5	ug/L								--	<b>75</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.1</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1.3</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>1</b>
Zinc, Total	7440-66-6	ug/L								--	<b>30</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

										Location	FW-040
Analyte	CAS.NO	Units								Sample ID	FW-040-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	66
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	0.12 J
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	4.3
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.19 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	6.6
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.2
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	2.3
Selenium, Dissolved	7782-49-2	ug/L							20	--	1.4 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	86
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	1.6
Barium, Total	7440-39-3	ug/L								--	80
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.19
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.58

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>10</b>
Lead, Total	7439-92-1	ug/L								--	<b>14</b>
Manganese, Total	7439-96-5	ug/L								--	<b>160</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>0.93 J</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1.2</b>
Selenium, Total	7782-49-2	ug/L								--	<b>1.3 J B</b>
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>1.8</b>
Zinc, Total	7440-66-6	ug/L								--	<b>71</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	FW-040
Analyte	CAS.NO	Units								Sample ID	FW-040-150810-11
										Date	8/10/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	60
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	0.13 J
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.6
Lead, Dissolved	7439-92-1	ug/L		200					100	--	1.5
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	13
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.2
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	0.96 J
Selenium, Dissolved	7782-49-2	ug/L							20	--	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	4.8 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	< 0.37 U
Barium, Total	7440-39-3	ug/L								--	70
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.066 J
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.34 J

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>5.9</b>
Lead, Total	7439-92-1	ug/L								--	<b>11</b>
Manganese, Total	7439-96-5	ug/L								--	<b>79</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.2</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1.1</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>1</b>
Zinc, Total	7440-66-6	ug/L								--	<b>32</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	LVW-020
Analyte	CAS.NO	Units								Sample ID	LVW-020-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	0.78 J
Barium, Dissolved	7440-39-3	ug/L		33000						--	73
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	0.13 J
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	1.7
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.085 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	3.9
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.5
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.3
Selenium, Dissolved	7782-49-2	ug/L							20	--	1.4 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	0.6 J
Zinc, Dissolved	7440-66-6	ug/L		50000						--	66
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	2.4
Barium, Total	7440-39-3	ug/L								--	170
Beryllium, Total	7440-41-7	ug/L								--	0.65
Cadmium, Total	7440-43-9	ug/L								--	0.15
Chromium, Total	7440-47-3	ug/L								--	1.3 J
Cobalt, Total	7440-48-4	ug/L								--	3.2

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>12</b>
Lead, Total	7439-92-1	ug/L								--	<b>11</b>
Manganese, Total	7439-96-5	ug/L								--	<b>340</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>0.7 J</b>
Nickel, Total	7440-02-0	ug/L								--	<b>3.4</b>
Selenium, Total	7782-49-2	ug/L								--	<b>1.2 J B</b>
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>6.8</b>
Zinc, Total	7440-66-6	ug/L								--	<b>45</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

										Location	LVW-020
Analyte	CAS.NO	Units								Sample ID	LVW-020-150810-11
										Date	8/10/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	0.48 J
Barium, Dissolved	7440-39-3	ug/L		33000						--	68
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	0.12 J
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.4
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.11 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	6.7
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.3
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.5
Selenium, Dissolved	7782-49-2	ug/L							20	--	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	0.48 J
Zinc, Dissolved	7440-66-6	ug/L		50000						--	2.8 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	1.3
Barium, Total	7440-39-3	ug/L								--	120
Beryllium, Total	7440-41-7	ug/L								--	0.29 J
Cadmium, Total	7440-43-9	ug/L								--	0.057 J
Chromium, Total	7440-47-3	ug/L								--	2.1
Cobalt, Total	7440-48-4	ug/L								--	1.6

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>6.2</b>
Lead, Total	7439-92-1	ug/L								--	<b>6.5</b>
Manganese, Total	7439-96-5	ug/L								--	<b>140</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.1</b>
Nickel, Total	7440-02-0	ug/L								--	<b>2.3</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>5.3</b>
Zinc, Total	7440-66-6	ug/L								--	<b>20</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg



Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	LVW-030
Analyte	CAS.NO	Units								Sample ID	LVW-030-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	0.49 J
Barium, Dissolved	7440-39-3	ug/L		33000						--	82
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	0.37 J
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.4
Lead, Dissolved	7439-92-1	ug/L		200					100	--	1.1
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	23
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.3
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.6
Selenium, Dissolved	7782-49-2	ug/L							20	--	1.5 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	1.4
Zinc, Dissolved	7440-66-6	ug/L		50000						--	48
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	2.6
Barium, Total	7440-39-3	ug/L								--	200
Beryllium, Total	7440-41-7	ug/L								--	0.94
Cadmium, Total	7440-43-9	ug/L								--	0.19
Chromium, Total	7440-47-3	ug/L								--	2.2
Cobalt, Total	7440-48-4	ug/L								--	4.5

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>15</b>
Lead, Total	7439-92-1	ug/L								--	<b>13</b>
Manganese, Total	7439-96-5	ug/L								--	<b>470</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>0.58 J</b>
Nickel, Total	7440-02-0	ug/L								--	<b>4.4</b>
Selenium, Total	7782-49-2	ug/L								--	<b>0.95 J B</b>
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>9.6</b>
Zinc, Total	7440-66-6	ug/L								--	<b>49</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	LVW-030
Analyte	CAS.NO	Units								Sample ID	LVW-030-150810-11
										Date	8/10/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	<b>0.53 J</b>
Barium, Dissolved	7440-39-3	ug/L		33000						--	<b>70</b>
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	<b>0.12 J</b>
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	<b>2.3</b>
Lead, Dissolved	7439-92-1	ug/L		200					100	--	<b>0.069 J</b>
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	<b>6.7</b>
Molybdenum, Dissolved	7439-98-7	ug/L								--	<b>1.3</b>
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	<b>1.3</b>
Selenium, Dissolved	7782-49-2	ug/L							20	--	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	<b>0.91 J</b>
Zinc, Dissolved	7440-66-6	ug/L		50000						--	< 2.8 U
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	<b>1.7</b>
Barium, Total	7440-39-3	ug/L								--	<b>140</b>
Beryllium, Total	7440-41-7	ug/L								--	<b>0.36 J</b>
Cadmium, Total	7440-43-9	ug/L								--	<b>0.049 J</b>
Chromium, Total	7440-47-3	ug/L								--	<b>2.6</b>
Cobalt, Total	7440-48-4	ug/L								--	<b>2.1</b>

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>7.3</b>
Lead, Total	7439-92-1	ug/L								--	<b>7.9</b>
Manganese, Total	7439-96-5	ug/L								--	<b>190</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.1</b>
Nickel, Total	7440-02-0	ug/L								--	<b>2.8</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>7.2</b>
Zinc, Total	7440-66-6	ug/L								--	<b>25</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	MW-020
Analyte	CAS.NO	Units								Sample ID	MW-020-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	63
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	< 0.12 U
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.1
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.13 J
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	11
Molybdenum, Dissolved	7439-98-7	ug/L								--	2.1
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.1
Selenium, Dissolved	7782-49-2	ug/L							20	--	1.8 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	25
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	1.6
Barium, Total	7440-39-3	ug/L								--	76
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.12
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.47

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>9.5</b>
Lead, Total	7439-92-1	ug/L								--	<b>15</b>
Manganese, Total	7439-96-5	ug/L								--	<b>130</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>0.98 J</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1.3</b>
Selenium, Total	7782-49-2	ug/L								--	<b>2 B</b>
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>1.6</b>
Zinc, Total	7440-66-6	ug/L								--	<b>63</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Upper Animas River

[illegible]

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>6.1</b>
Lead, Total	7439-92-1	ug/L								--	<b>12</b>
Manganese, Total	7439-96-5	ug/L								--	<b>86</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.2</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1.1</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>0.98 J</b>
Zinc, Total	7440-66-6	ug/L								--	<b>36</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg



Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	NSW-020
Analyte	CAS.NO	Units								Sample ID	NSW-020-150809-11
										Date	8/9/2015
										Review Status	Preliminary
Drinking Water MCL    Recreational RSL    Aquatic Acute    Aquatic Chronic    Irrigation    Livestock    Agriculture											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	60
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	< 0.12 U
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.3
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.38
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	10
Molybdenum, Dissolved	7439-98-7	ug/L								--	0.96 J
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.1
Selenium, Dissolved	7782-49-2	ug/L							20	--	1.4 J B
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	12 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	0.41 J
Arsenic, Total	7440-38-2	ug/L								--	2
Barium, Total	7440-39-3	ug/L								--	73
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.13
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.6

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>11</b>
Lead, Total	7439-92-1	ug/L								--	<b>37</b>
Manganese, Total	7439-96-5	ug/L								--	<b>110</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1.3</b>
Nickel, Total	7440-02-0	ug/L								--	<b>1.1</b>
Selenium, Total	7782-49-2	ug/L								--	<b>1.5 J B</b>
Silver, Total	7440-22-4	ug/L								--	<b>0.27 J</b>
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>2.2</b>
Zinc, Total	7440-66-6	ug/L								--	<b>63</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

										Location	NSW-020
Analyte	CAS.NO	Units								Sample ID	NSW-020-150810-11
										Date	8/10/2015
										Review Status	Preliminary
<div>Drinking Water MCLRecreational RSLAquatic AcuteAquatic ChronicIrrigationLivestockAgriculture</div>											
Metals, Dissolved											
Antimony, Dissolved	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50					100	--	< 0.37 U
Barium, Dissolved	7440-39-3	ug/L		33000						--	60
Beryllium, Dissolved	7440-41-7	ug/L		330					100	--	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		65					10	--	< 0.043 U
Chromium, Dissolved	7440-47-3	ug/L		210000					100	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L		50						--	0.3 J
Copper, Dissolved	7440-50-8	ug/L		6700					100	--	2.7
Lead, Dissolved	7439-92-1	ug/L		200					100	--	0.32
Manganese, Dissolved	7439-96-5	ug/L		7800					200	--	12
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.1
Nickel, Dissolved	7440-02-0	ug/L		330					200	--	1.2
Selenium, Dissolved	7782-49-2	ug/L							20	--	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L								--	< 0.1 U
Thallium, Dissolved	7440-28-0	ug/L		1.7						--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830						--	< 0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000						--	4.3 J
Metals, Total											
Antimony, Total	7440-36-0	ug/L								--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L								--	< 0.37 U
Barium, Total	7440-39-3	ug/L								--	64
Beryllium, Total	7440-41-7	ug/L								--	< 0.15 U
Cadmium, Total	7440-43-9	ug/L								--	0.073 J
Chromium, Total	7440-47-3	ug/L								--	< 1 U
Cobalt, Total	7440-48-4	ug/L								--	0.22 J

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Copper, Total	7440-50-8	ug/L								--	<b>4.7</b>
Lead, Total	7439-92-1	ug/L								--	<b>8.6</b>
Manganese, Total	7439-96-5	ug/L								--	<b>45</b>
Molybdenum, Total	7439-98-7	ug/L								--	<b>1</b>
Nickel, Total	7440-02-0	ug/L								--	<b>0.98 J</b>
Selenium, Total	7782-49-2	ug/L								--	< 0.58 U
Silver, Total	7440-22-4	ug/L								--	< 0.1 U
Thallium, Total	7440-28-0	ug/L								--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L								--	<b>0.74 J</b>
Zinc, Total	7440-66-6	ug/L								--	<b>24</b>

**Bold - Bolded results identify a detected value.**

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